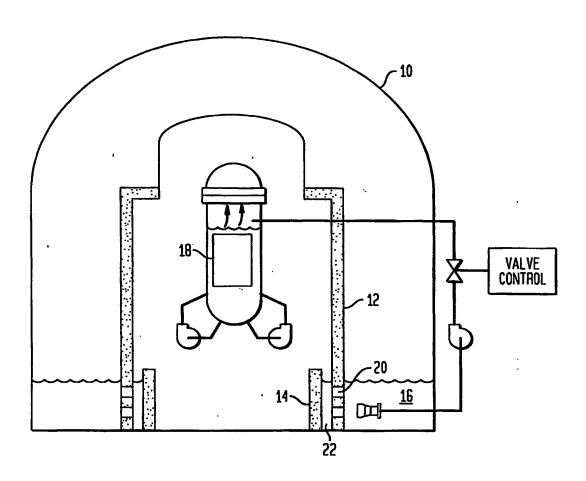
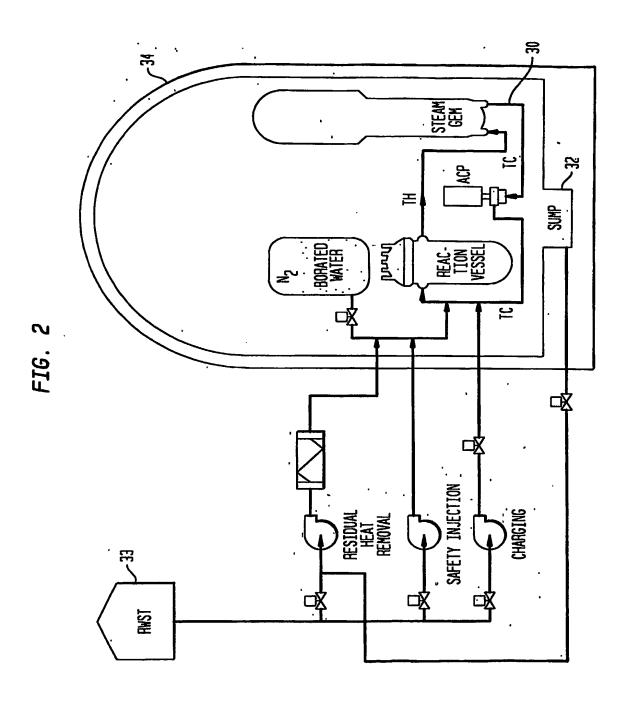
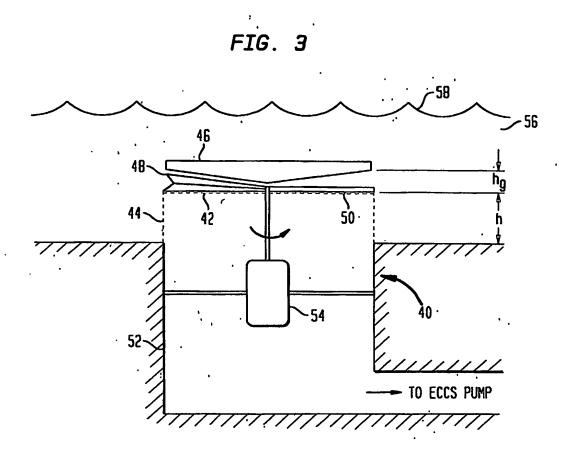
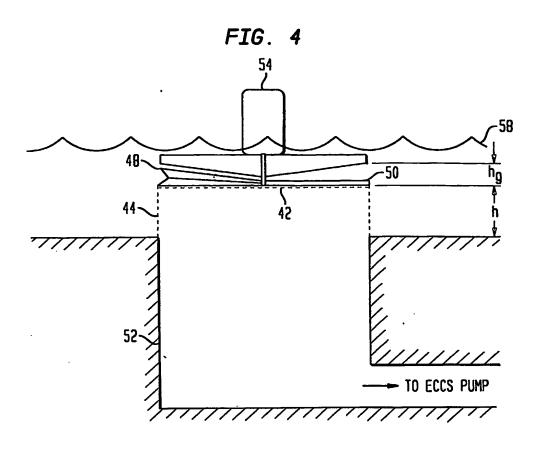
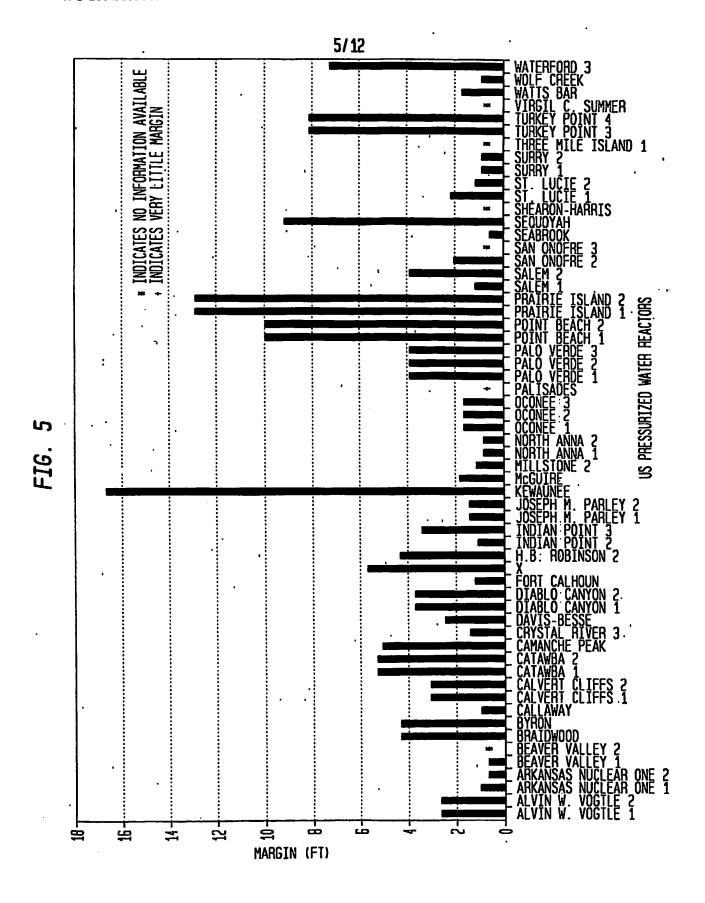
FIG. 1







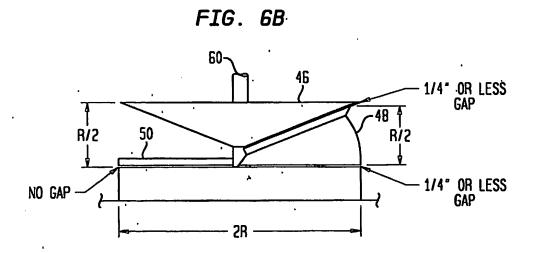




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FIG. 6A



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FIG. 7

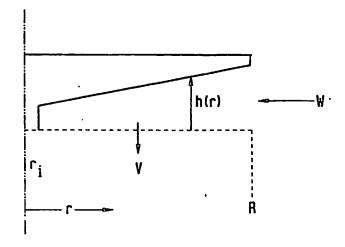
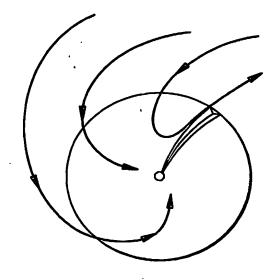


FIG. 8



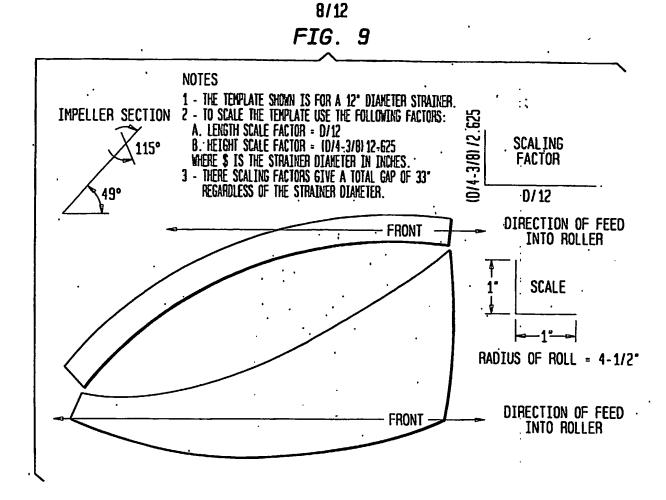


FIG. 10 DATA FOR V $_{tio}$ /V=10 FOR 1 FOOT DIAMETER STRAINER

FLOW RATE	Ω	FORCE .	P _{test}	Pmodel ^C d=1	P _{test} /P _{model}
GPM	RPM	Lb ·	hp .	hp	
400	220	7.1	.11	.06	1.75 ⁻
300	160	2.5	.03	.027	1.1
200	108	1.3	.008	.010	1.25

FIG: 11

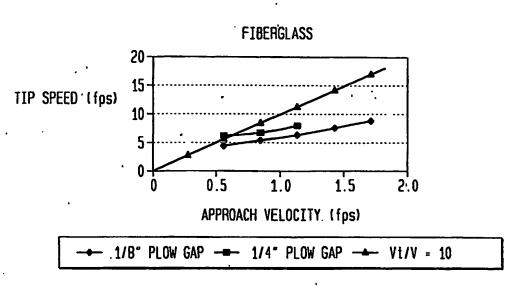


FIG. 12

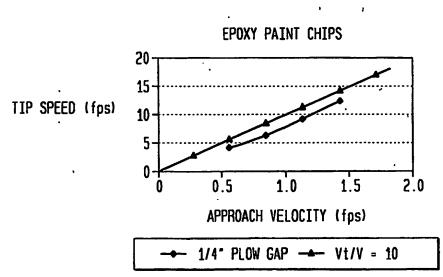


FIG. 13

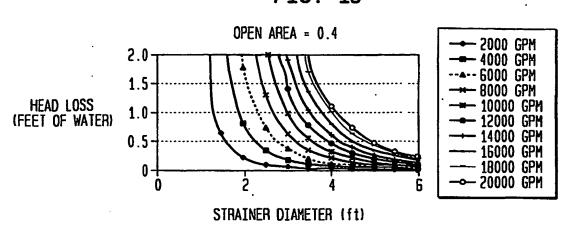
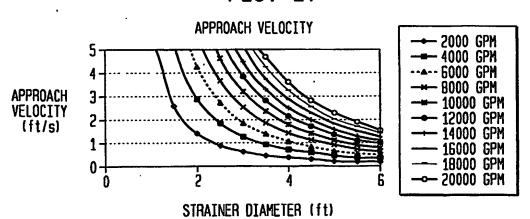


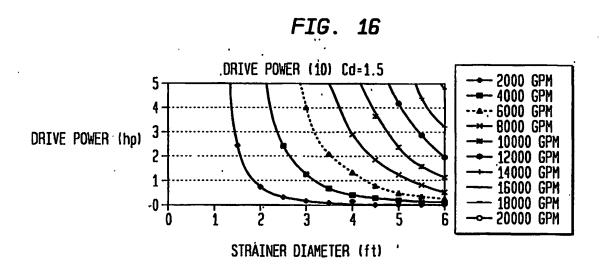
FIG. 14



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FIG. 15 ROTATION RATE (10) 2000 GPM 300 -- 4000 GPM --- 6000 GPM 250 :200 - B000 GPM ROTATION RATE, (RPM) - 10000 GPM 150 100 14000 GPM 50 — 16000 GPM — 18000 GPM — 20000 GPM 0 ż

STRAINER DIAMETER (ft)



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